VIRPI-S

~15° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes

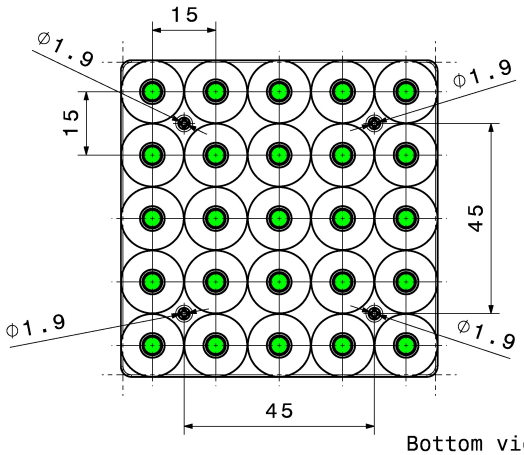
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VIRPI-S	Multi-lens	PMMA	clear	

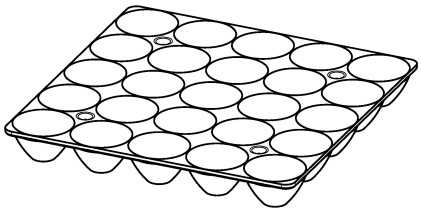
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12607_VIRPI-S » Box size: 480 x 280 x 300 mm	360	45	15	12.0

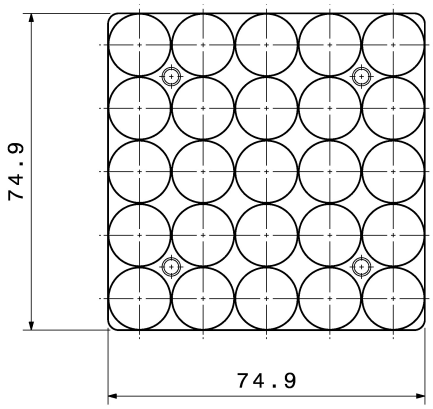
DATE
12.10.2021



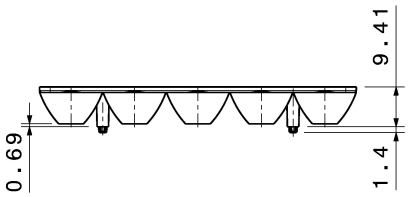
Bottom view



Isometric view



Top view



Front view

PART	TYPE	MATERIAL	COLOR / COATING
C12607_VIRPI-S C12608_VIRPI-M C12609_VIRPI-W	LENS	PMMA	Clear

MECHANICAL DRAWING

PRODUCT VIRPI

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

SCALE 1:1 | WEIGHT - | A3 SHEET 1/1

Notes

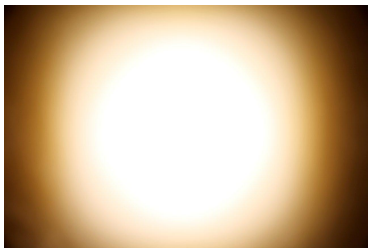
- LED location
- Ensure LED fitting from a product specific 3D model available from www.ledil.com
- For more details about installation please see LEDiL Installation Guide on www.ledil.com

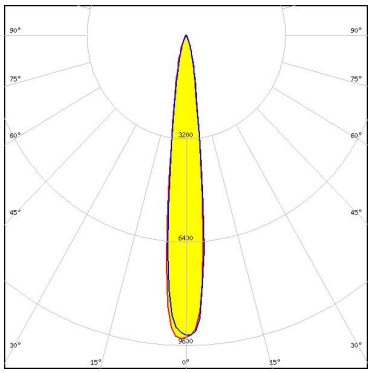
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

CREE LED

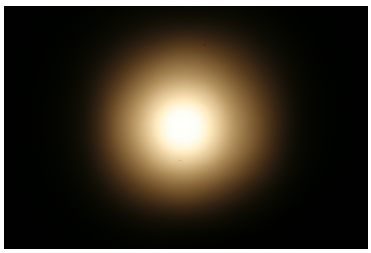
LED	XB-D
FWHM / FWTM	13.0° / 30.0°
Efficiency	92 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

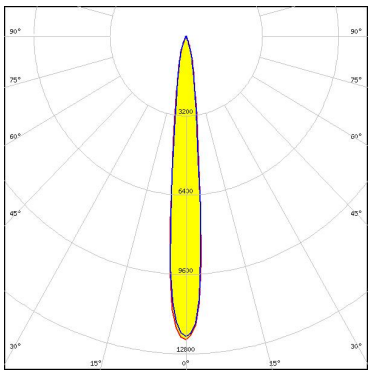




CREE LED

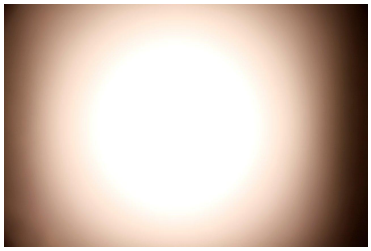
LED	XP-E2
FWHM / FWTM	11.0° / 27.0°
Efficiency	94 %
Peak intensity	12.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

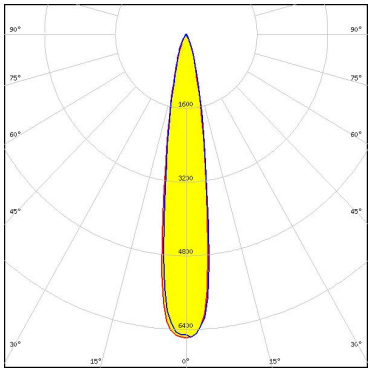




CREE LED

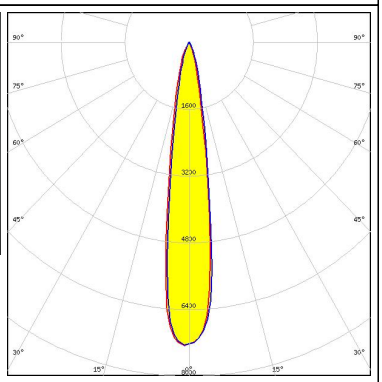
LED	XP-G
FWHM / FWTM	16.0° / 36.0°
Efficiency	94 %
Peak intensity	6.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





CREE LED

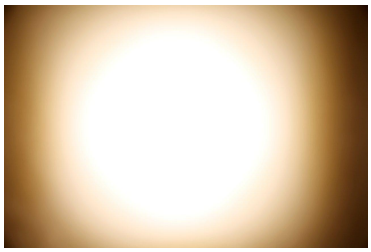
LED	XP-G2
FWHM / FWTM	16.0° / 34.0°
Efficiency	94 %
Peak intensity	7.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

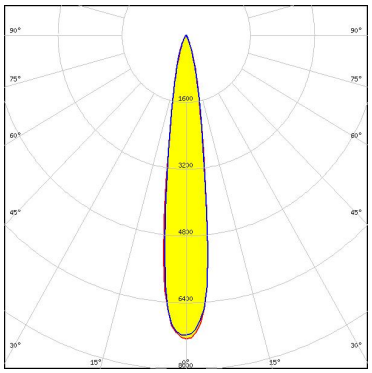


PHOTOMETRIC DATA (MEASURED):

CREE LED

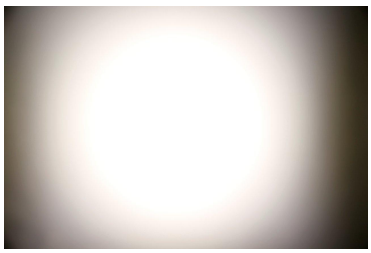
LED	XT-E
FWHM / FWTM	15.0° / 34.0°
Efficiency	94 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

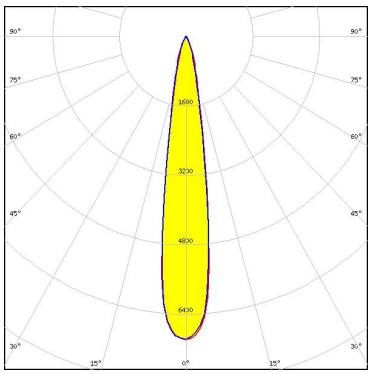




LUMILEDS

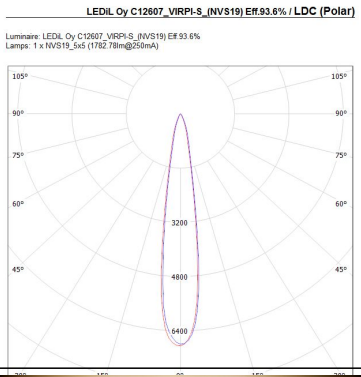
LED	LUXEON Rebel ES
FWHM / FWTM	16.0° / 29.0°
Efficiency	94 %
Peak intensity	6.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

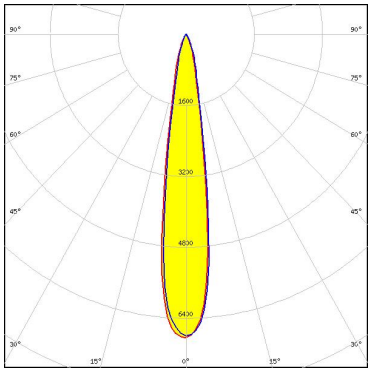




NICHIA

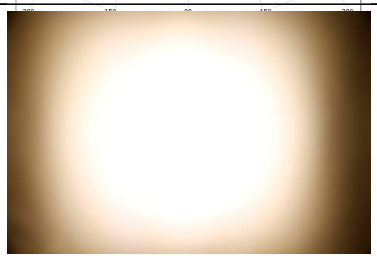
LED	NVSxx19A
FWHM / FWTM	16.0° / 34.0°
Efficiency	93 %
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

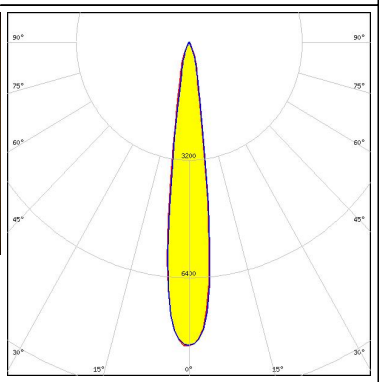




OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	15.0° / 31.0°
Efficiency	94 %
Peak intensity	8.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

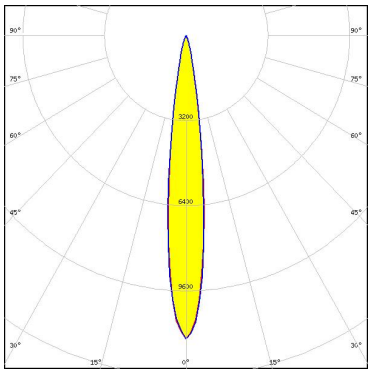




PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	J Series 3030
FWHM / FWTM	14.0° / 28.0°
Efficiency	95 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

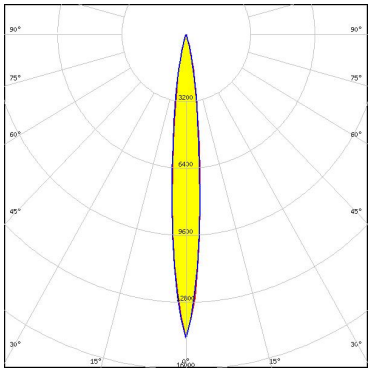


CREE LED

LED	XD16
FWHM / FWTM	14.0° / 30.0°
Efficiency	94 %
Peak intensity	9.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

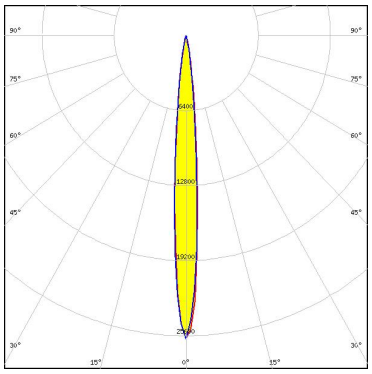
LUMILEDS

LED	LUXEON C
FWHM / FWTM	11.0° / 25.0°
Efficiency	86 %
Peak intensity	14.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

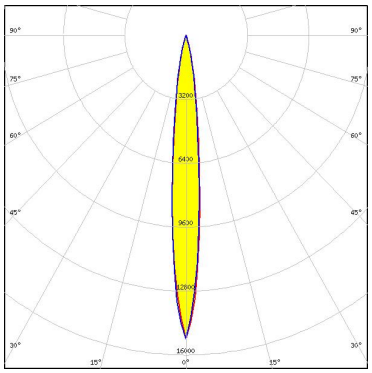
LED	LUXEON CZ
FWHM / FWTM	8.8° / 19.0°
Efficiency	94 %
Peak intensity	26 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

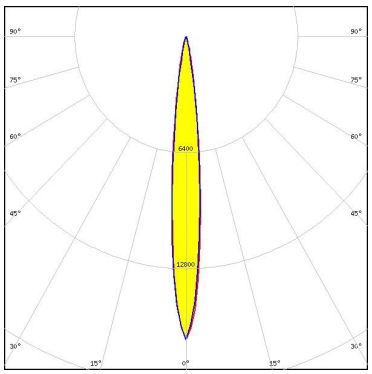
LUMILEDS

LED	LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM	13.0° / 25.0°
Efficiency	88 %
Peak intensity	15.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



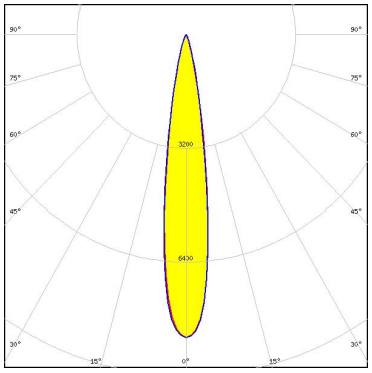
LUMILEDS

LED	LUXEON SunPlus 35 Line
FWHM / FWTM	12.0° / 23.0°
Efficiency	94 %
Peak intensity	16 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



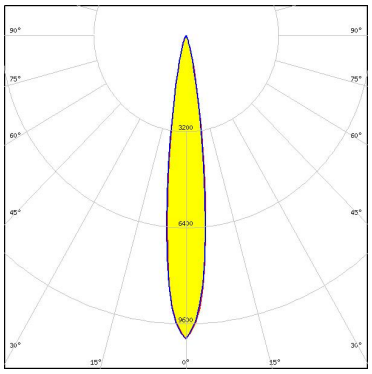
LUMILEDS

LED	LUXEON T
FWHM / FWTM	16.0° / 31.0°
Efficiency	93 %
Peak intensity	8.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

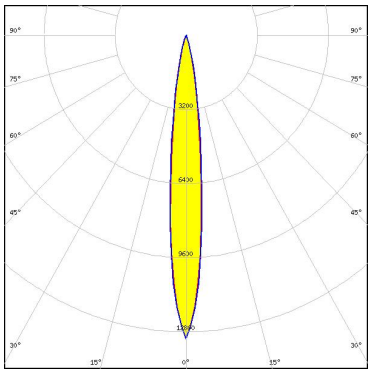
LED	LUXEON TX
FWHM / FWTM	15.0° / 29.0°
Efficiency	91 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

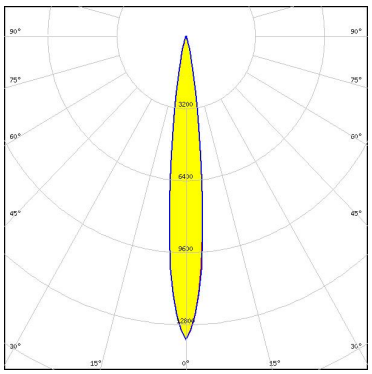
LUMINUS

LED	SST-10-B130
FWHM / FWTM	12.0° / 27.0°
Efficiency	95 %
Peak intensity	13.1 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



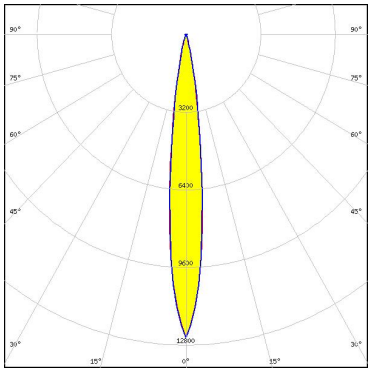
LUMINUS

LED	SST-20
FWHM / FWTM	12.0° / 24.0°
Efficiency	95 %
Peak intensity	13.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



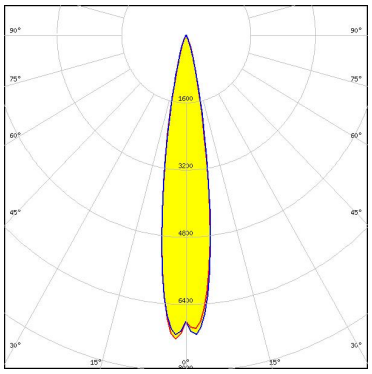
NICHIA

LED	NVSxE21A
FWHM / FWTM	12.0° / 26.0°
Efficiency	95 %
Peak intensity	12.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

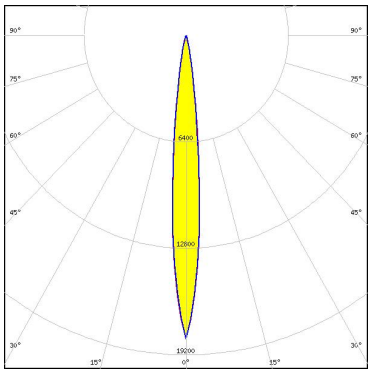
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	18.0° / 33.0°
Efficiency	94 %
Peak intensity	7.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

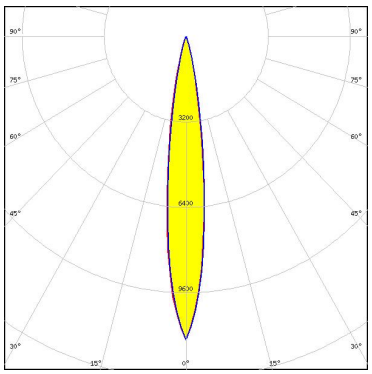
OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	10.0° / 22.0°
Efficiency	95 %
Peak intensity	18.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



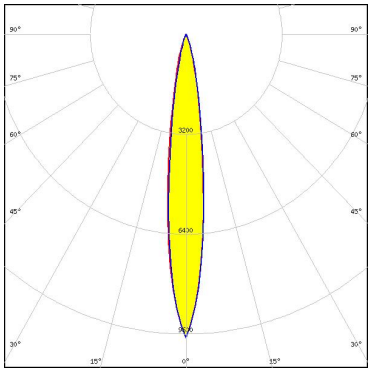
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	14.0° / 28.0°
Efficiency	96 %
Peak intensity	11.4 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



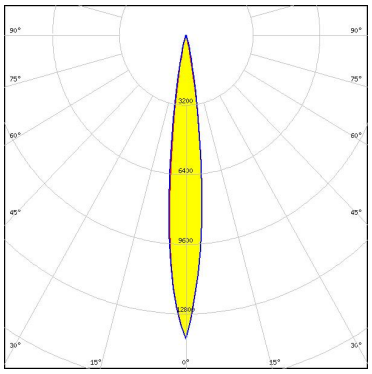
OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	14.0° / 30.0°
Efficiency	95 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



OSRAM
Opto Semiconductors

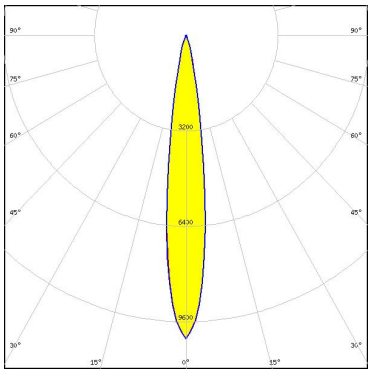
LED	SFH 4715AS
FWHM / FWTM	13.0° / 24.0°
Efficiency	94 %
LEDs/each optic	1
Light colour	IR
Required components:	



PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED	LH181B
FWHM / FWTM	14.0° / 28.0°
Efficiency	95 %
Peak intensity	10.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

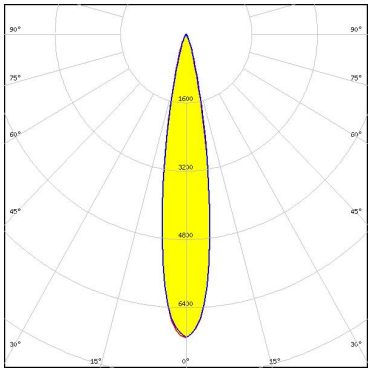


SAMSUNG

LED	LH351B
FWHM / FWTM	17.0° / 33.0°
Efficiency	97 %
Peak intensity	7.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

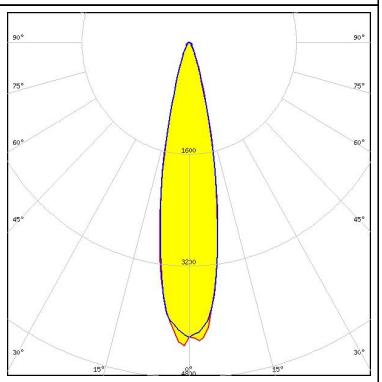
SAMSUNG

LED	LH351C
FWHM / FWTM	18.0° / 34.0°
Efficiency	97 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

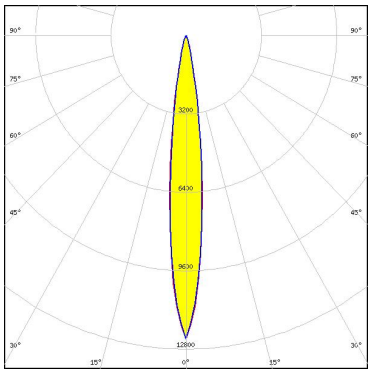
LED	LH351D
FWHM / FWTM	22.0° / 42.0°
Efficiency	96 %
Peak intensity	4.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

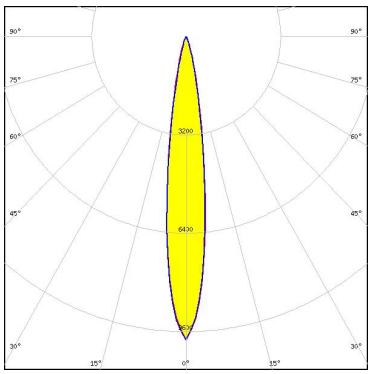
SAMSUNG

LED	LM301B
FWHM / FWTM	12.0° / 26.0°
Efficiency	96 %
Peak intensity	12.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



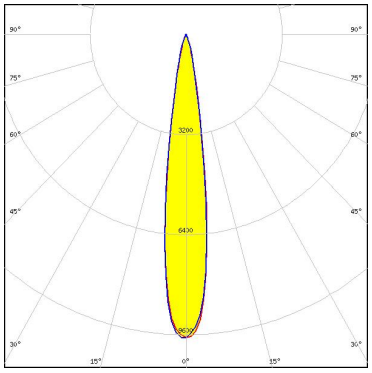
SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	14.9° / 29.9°
Efficiency	94 %
Peak intensity	9.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



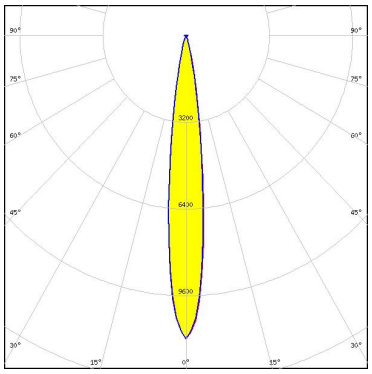
SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	15.0° / 29.0°
Efficiency	98 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SEOUL SEMICONDUCTOR

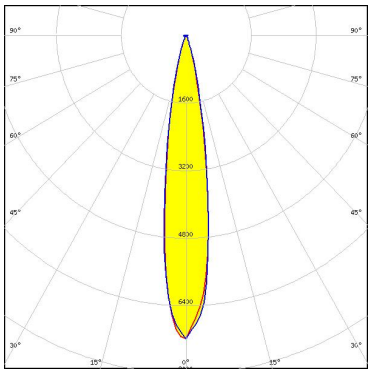
LED	Z8Y19
FWHM / FWTM	14.0° / 26.0°
Efficiency	94 %
Peak intensity	11.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):

SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM / FWTM	16.9° / 33.1°
Efficiency	94 %
Peak intensity	7.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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